

Yuqing Qiu | Software Developer

13750 100Ave, Surrey, B.C.

📞 778-251-0818 • ✉️ yuqingqiu93@gmail.com
🌐 www.linkedin.com/in/yuqing-qiu

B.Eng. in Mechatronics Engineering from Tongji University, Shanghai, China. Rich in working and project experience. A passionate fast learner to new programming languages. Happy to meet challenging problems and solve them.

Technical and Personal skills

- **Programming Languages:** Proficient in: JavaScript (including NodeJS), Python, C++, C, Java
Also basic ability with: R, PHP.
Frameworks experience: ReactJS, VueJS, Django
- **Other Technical Skills:** Git, Building and Using relational(MySQL) or non-relational(MongoDB) databases, Working and Scripting in Linux, Experience on TravisCI and Jenkins
- **General Business Skills:** Good presentation skills, Works well in a team, Outstanding skills with Microsoft Office, especially Excel.

Previous Employment

- **NETINT Technologies Inc.** **Burnaby**
Laboratory Manager *June 2018–August 2018*
I setup hardware and software test environments for NVMe SSD tests. And I also wrote testing scripts in Python in a test automation environment. In the 3 months, I have written 7 valid IO tests, and have set up several test automation environments in Jenkins.
- **AirG Inc.** **Downtown Vancouver**
QA Specialist Co-op *September 2017–December 2017*
I worked on two projects simultaneously and tested in an agile development environment. I drafted test cases according to the given test plan and performed the tests for each release of the apps and website.
- **Istuary Innovation Group** **Downtown Vancouver**
ASIC Design Engineer Co-op *June 2016–August 2016, June 2017–August 2017*
I ran sanity tests for each week's firmware release. I also developed a register checking GUI in Python for firmware developers to visualize their debugging process.

Education

Academic Qualifications.....

- **Tongji University** **Shanghai**
B.Eng. Mechatronics Engineering *2011–2015*
- **British Columbia Institute of Technology** **Burnaby**
Computer Systems Technology, Machine Learning *2016–2018*

Notable Projects.....

- **Web Developing** *NodeJS with Express and VueJS*

I worked in a team at BCIT to develop a web app called BambooShoot using NodeJS and VueJS for a client. The web app helps one to collect and record personal skills. I deployed the website and launched it on heroku with the pipeline I built on my own with TravisCI, and I managed the DNS for the website. I also developed the back-end of the user registration and profile settings.

- **Artificial Intelligent** *Python*

As part of the school education plan. I joined two machine learning projects, *Abalone Player* and *ICBC Claim Predictor*. I worked on the core part of each project. I developed the heuristic function for abalone player, and built regressor and classifier for ICBC insurance claim predictor.

- **CNC Machine Lab** *Machine Designing and Building*

I joined the CNC Machine Lab of the school and built several of CNC machines and 3D printers from scratch. I was mainly working on the control of the motors in C++, and I managed electrical connectors.

- **PhoenixContact Xplore Contest** *3D Duplicator*

I was in a team of 3 students joining the contest. My contributions to the team is tuning motor controlling modules in C++, managing electrical connectors, project managing. We have won the 1st place of category *Factory* and got invited to Hanover Fair (Hannover Messe) of 2015.

Interests and extra-curricular activity

- **Coursera Certificate in Machine Learning:** I attended online course on coursera in topic Neural Networks and Deep Learning and received the certification on 4th of November, 2017. The course walked me through the basics of machine learning and gave me hands-on experience of creating my first 3 layer neural network that checks if a given object exists in a picture.

Professional References

- **Stephen Lee**

Instructor, Communication Department
British Columbia Institute of Technology, V5G 3H2
Email: slee789@bcit.ca

- **Chi En Huang, PhD**

Faculty, School of Computing and Academic Studies
British Columbia Institute of Technology, V5G 3H2
Tel: 604.453.4008
Email: ChiEn_Huang@bcit.ca